

**COUNTERACTING MAGNETIC FIELD GENERATOR FOR UNDESIRED  
AXIAL MAGNETIC FIELD COMPONENT OF A POWER GENERATOR  
STATOR AND ASSOCIATED METHODS**

**Abstract of the Disclosure**

A power generator (20) includes a rotor (22), and a stator (23) surrounding the rotor and having opposing ends. The stator (23) includes a stator core (21) and a plurality of windings (28) carried by the stator core creating an undesired axial magnetic field component adjacent the opposing ends of the stator. The power generator (20) may also include at least one counteracting magnetic field generator (30) associated with at least one end of the stator (23) for generating a counteracting magnetic field for counteracting the undesired axial magnetic field component.